

IN-MOLD LABEL

FOR INJECTION MOLDING &
BLOW MOLDING

GREETINGS

DMT aims to provide a professional & comfortable business experience for its customers; fixing problem for them & grow together with them is DMT major pursuit.

DMT team is professional and dedicative. Our enthusiasm, patience and fast responding is winning much of phrase from our customers who in the end became friends with us.

AT DMT, we keep plenty of inventory for jumbo rolls, each time you order, all we need to do is slitting and rewinding, fast delivery is guaranteed.

Contact us and let's start mutual beneficial partnership.

SHANGGUAN CHENGPO

Founder / CEO



ABOUT IML

In-mould labelling (IML) is a new method popularly used in decorating injection molded parts, such as plastic containers, consumer product parts etc.

During molding process, pre-printed in-mold label is placed into the mold before molten materials are injected; the remaining temperature of the material fuses the label with the container, makes it an integral part of the product.

Comparing with traditional way for label printing - spray painting or pad-printing - IML allows higher quality graphics , better water-proof property and greater wear resistance. By combining the decoration process with the molding process, IML simplifying production process and reducing cost.

With such advantage, in-mold labelling is becoming preferable for industry, such as food, health care, chemistry etc.



IML MODELS

CATEGORY	MODEL	FEATURE
Blowing Molding Film Series	CYB-J 105	White Orange Peel Film
	CYB-G 100	Smooth White Film
	CYL-G 100S	Holographic Film
	CYY-G 100	Silver High Gloss Film
Injection Molding Film Series	ZUB-J 7065	White Orange Peel Film
	ZYB-G 6591	Smooth White Film
	ZUT-G 65	Transparent Gloss Film
	ZYY-G 80	Holographic Film
	ZYL-G 80	Silver High Gloss Film



INJECTION MOLDING IML MODELS

Model	MODEL	Unit	ZUB-J7065	ZYB-G6591	ZUT-G65	ZYY-G80	ZYL-G80
Thickness		μm	70	65	65	80	80
Density		g/m ³	0.65	0.88	0.90	0.92	0.92
Gram Weight		g/m ²	45.5	57.2	58.5	73.5	73.5
Gloss	Print Side	%	75	/	/	7	7
	Rear Side	%	13	21	21	21	21
Whiteness		%	83	/	/	87	90
Opacity		%	85	/	/	87	88
Impedance	Print Side	Ω	1*10 ¹¹	1*10 ¹¹	1*10 ¹¹	1*10 ¹¹	1*10 ¹¹
	Rear Side	Ω	1*10 ¹²	1*10 ¹²	1*10 ¹²	1*10 ¹²	1*10 ¹²
Tensile Strength	MD	Mpa	83	110	110	85	110
	TD	Mpa	168	203	203	149	203

PRODUCT FEATURES

Excellent printing performance, support multi type of printing methods (offset printing, screen printing, gravure printing etc), quick drying, gorgeous color

Good chargeable performance assure good adhesive property in the mold

Low static, easy for die cut transforming and robot arm operating smooth

Good temperature resistant, suitable for container body and caps

Suitable for PP containers

BLOW MOLDING IML MODELS

Model	MODEL	Unit	CYB-J105	CYY-G100	CYB-G100	CYL-G100S
Thickness		μm	107	100	100	100
Density		g/m ³	0.77	0.84	0.87	0.87
Gram Weight		g/m ²	82.3	83.6	87.3	87.3
Gloss	Print Side	%	7	/	7	/
	Rear Side	%	21	21	21	21
Whiteness		%	87	/	90	/
Opacity		%	87	/	88	/
Impedance	Print Side	Ω	1*10 ¹¹	1*10 ¹¹	1*10 ¹¹	1*10 ¹¹
	Rear Side	Ω	1*10 ¹²	1*10 ¹²	1*10 ¹²	1*10 ¹²
Tensile Strength	MD	Mpa	85	110	110	110
	TD	Mpa	149	203	203	203

PRODUCT FEATURES

Excellent printing performance, support multi type of printing methods (offset printing, screen printing, gravure printing etc), quick drying, gorgeous color

Wide molding temperature range

Low static, easy for die cut transforming and robot arm operating smooth

Suitable for PP, PE containers

CASE STUDY





DM

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